

# **Exhibit 6**

# **U.S. Patent No. 8,341,157 Booking.com B.V.**



## **Claim Chart for Representative Claim 1**

# References Cited

Upon information and belief, Booking.com B.V. has and continues to use computer-implemented applications (including mobile applications), computer-readable storage media, and attendant servers, databases, and other devices and equipment to proliferate Booking.com's online travel agency and metasearch engine services for hotels, vacation rentals, flights, rental cars, and airport transfer (hereinafter, the "Booking.com Systems"), which is a system capable of facilitating searches by users and/or vendors that includes the elements in the systems described in and/or practices the steps of the methods described in the claims of U.S. Patent No. 8,341,157 (the "'157 Patent").

The following chart presents R2 Solutions' analysis of the Booking.com Systems based on publicly available information. The citations in the chart refer to the following publicly available documents, which are incorporated by reference as if fully set forth herein:

- [1] "Booking.com Homepage," <https://www.booking.com/>.
- [2] "'Dallas' Search," <https://www.booking.com/> (search "Dallas" or "dal")
- [3] "Booking.com Flights," <https://www.booking.com/flights/index.en.html?aid=304142;label=gen173nr-1DCBkoggl46AdIM1gEaLACiAEBmAExuAEXyAEM2AED6AEB-AECiAIBqAIDuALv2eSMBsACAdICJDBiZmQ2MzlhLTQzMTctNGYyZC1hYTcyLWJhN2VhY2Q1ZDZkMdgCBOACAAQ;sid=b71ed236bdaa2f99b0b2eec2c15415df;sig=v1cUCBQ-HP>.

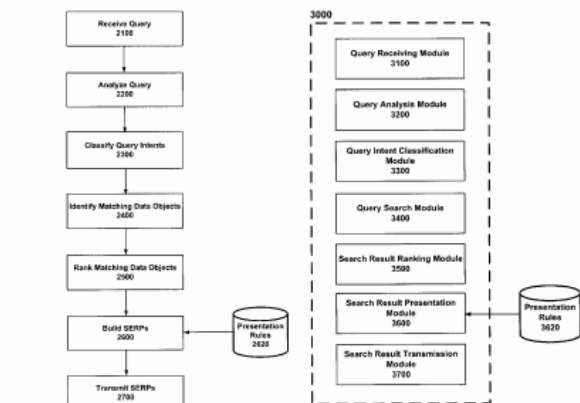
# OVERVIEW



nelson bumgardner conroy



US00834157B2



(57) **ABSTRACT**

A system and method for intent driven search presentation. A query is received, over a network, from a user, wherein the query comprises at least one query token. The query is analyzed wherein at least one query keyword is identified in the query. The query is classified wherein the query is classified into at least one intent using query keywords. A plurality of data objects that match query keywords is identified. The data objects are ranked, wherein at least one intent is assigned to at least some of the data objects. A result is built using the ranked plurality of data objects, wherein the result comprises display entries wherein if a data object has been assigned at least one intent, such intent is used to construct the display entry for the respective data object. The result is transmitted over the network to the user.

# Representative Claim 1

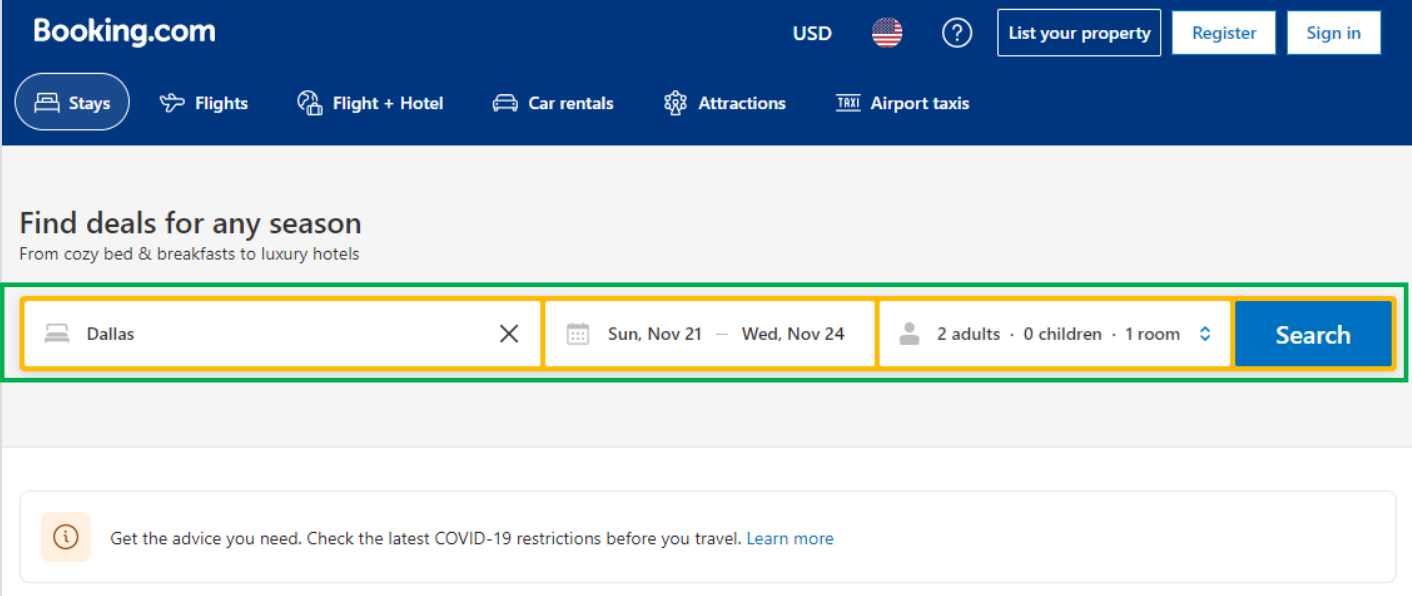
- 1[pre]** A method comprising:
- 1[a]** receiving, over a network, a query from a user, the query comprising at least one query token;
  - 1[b]** analyzing the query, using at least one computing device, to identify at least one query keyword;
  - 1[c]** determining, at least the one computing device, a plurality of intents from the at least one keyword, each of the plurality of intents indicates a type of information regarding the query keyword that is likely to be desired by a user submitting the query;
  - 1[d]** classifying the query, using the at least one computing device, into at least one of the plurality of intents;
  - 1[e]** identifying, using the at least one computing device, a plurality of data objects available over the network that match the at least one query keyword;
  - 1[f]** assigning, using the at least one computing device, at least one of the plurality of intents to at least some of the plurality of data objects;
  - 1[g]** ranking, using the at least one computing device, the plurality of data objects;
  - 1[h]** building a result, using the at least one computing device, using the ranked plurality of data objects, the result comprises a plurality of display entries, at least one display entry customized to a respective assigned intent is constructed for each of the ranked plurality of data objects; and
  - 1[i]** transmitting the result, over the network, to the user.

# CLAIM CHART



nelson bumgardner conroy

# Claim Chart – Claim 1

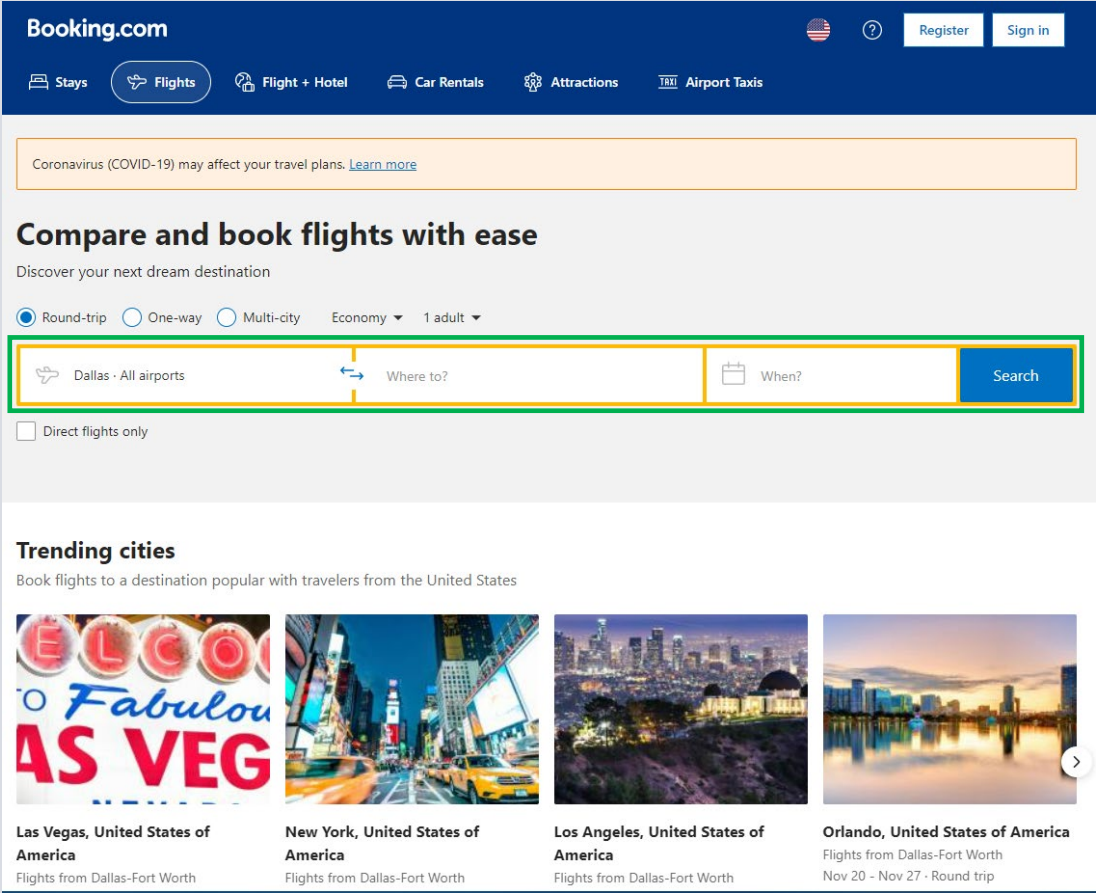
Claim Feature	Evidence
<p><b>1[pre]</b> A method comprising:</p> <p><b>1[a]</b> receiving, over a network, a query from a user, the query comprising at least one query token;</p>	<p>Booking.com infringes Claim 1 of the '157 Patent. The Booking.com Systems include computer-implemented applications, computer-readable storage media, and attendant servers, databases, and other devices and equipment to proliferate Booking.com's online travel agency and metasearch engine services for hotels, vacation rentals, flights, and airport transfer. The Booking.com Systems receive, over a network, a query from a user, the query comprising at least one query token. For example, the Booking.com Systems provide a search engine that allow users to submit search queries over a network (e.g., the Internet). The query can be generated by a user by typing, site visitation, sharing location information, etc. The Booking.com Systems perform a search using the received query.</p> <p><b>[1] Booking.com Homepage</b></p> 



# Claim Chart – Claim 1

**1[pre]** A method comprising:  
**1[a]** receiving, over a network, a query from a user, the query comprising at least one query token;

For example, the Booking.com Systems provide a search engine that allow users to submit search queries over a network (e.g., the Internet). The query can be generated by a user by typing, site visitation, sharing location information, etc. The Booking.com Systems perform a search using the received query.



**[3] Booking.com Flights**

# Claim Chart – Claim 1

1[pre] A method comprising:  
1[a] receiving, over a network, a query from a user, the query comprising at least one query token;

Upon information and belief, the Booking.com Systems receive, over a network, a query from a user, the query comprising at least one query token. For example, a query can include a destination, location, property, etc., and/or a word and/or character related thereto:

[2] 'Dallas' Search

Booking.com

USD ?

List your property

Register

Sign in

Stays

Flights

Flight + Hotel

Car rentals

Attractions

Airport taxis

Home > United States of America > Texas > Dallas > Search results

Search

Destination/property name:

Check-in date:

Check-out date:

3-night stay

2 adults · 0 children · 1 room

☐ I'm traveling for work

Search

Filter by:

Your Budget (per night)

☐ \$0 – \$56

5

☐ \$56 – \$113

97

☐ \$113 – \$169

121

☐ \$169 – \$226

71

☐ \$226 +

47

Popular Filters

☐ Breakfast Included

95

Dallas: 209 properties found

Show on map

Our Top Picks

Homes & apartments first

Price (lowest first)

Best reviewed & lowest price

Stars (highest first)

...

Sonesta Suites Dallas Park Central

Park Central, Dallas · Show on map · 10 miles from center

Getaway Deal

Mobility Accessible One Bedroom Suite King Bathtub

Private suite

1 king bed

3 nights, 2 adults

\$282

See availability

Excellent 8.7

1,897 reviews

The Westin Galleria Dallas

Galleria, Dallas · Show on map · 10.2 miles from center

Traditional King, Guest room, 1 King

1 king bed

FREE cancellation • No prepayment needed

You can cancel later, so lock in this great price today!

Only 5 rooms left at this price on our site

3 nights, 2 adults

\$537

See availability

Very Good 8.4

231 reviews

Courtyard by Marriott Dallas Downtown/Reunion District

Downtown Dallas, Dallas · Show on map · 0.6 miles from center

Double Queen Room

3 nights, 2 adults

See availability

Excellent 8.6

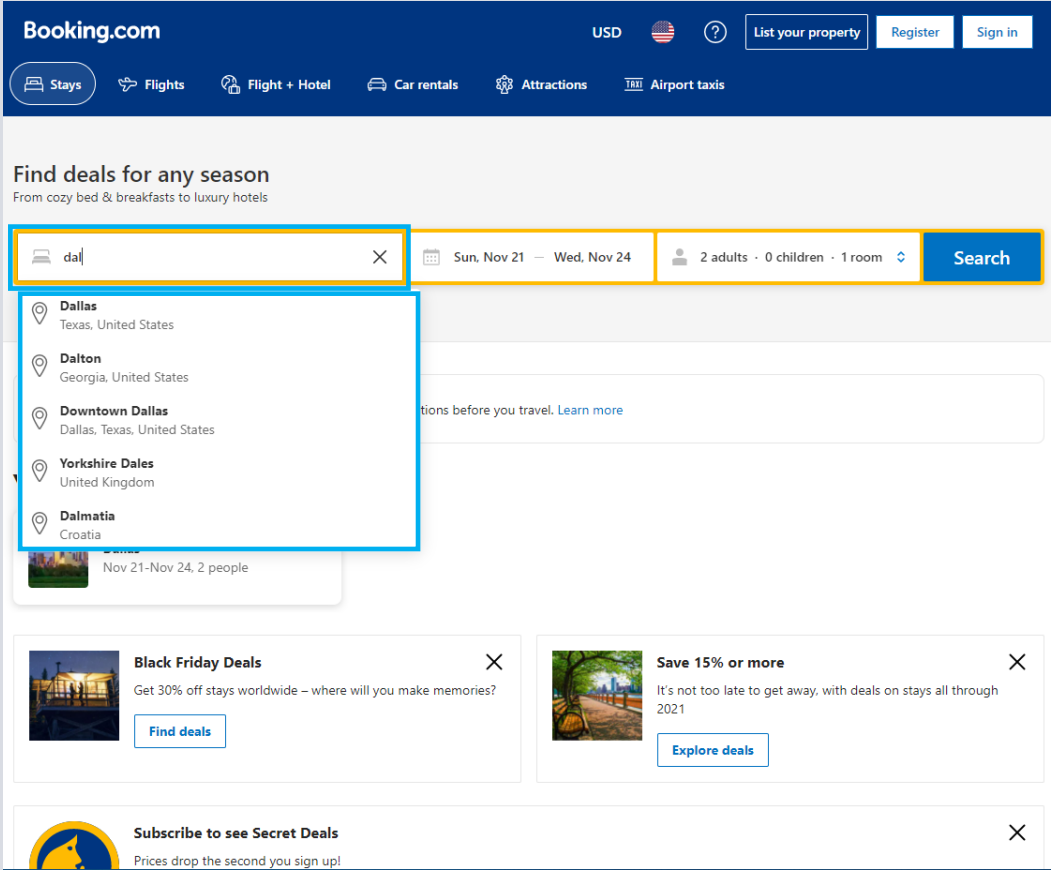
1,065 reviews

# Claim Chart – Claim 1

1[b] analyzing the query, using at least one computing device, to identify at least one query keyword;

Upon information and belief, the Booking.com Systems analyze the query, using at least one computing device, to identify at least one query keyword. For example, the Booking.com Systems can identify a query keyword (e.g., "Dallas," "Dalmatia," etc.) from the query (e.g., "dal," etc.). The Booking.com Systems use at least one computing device to analyze the query:

[1] Booking.com Homepage

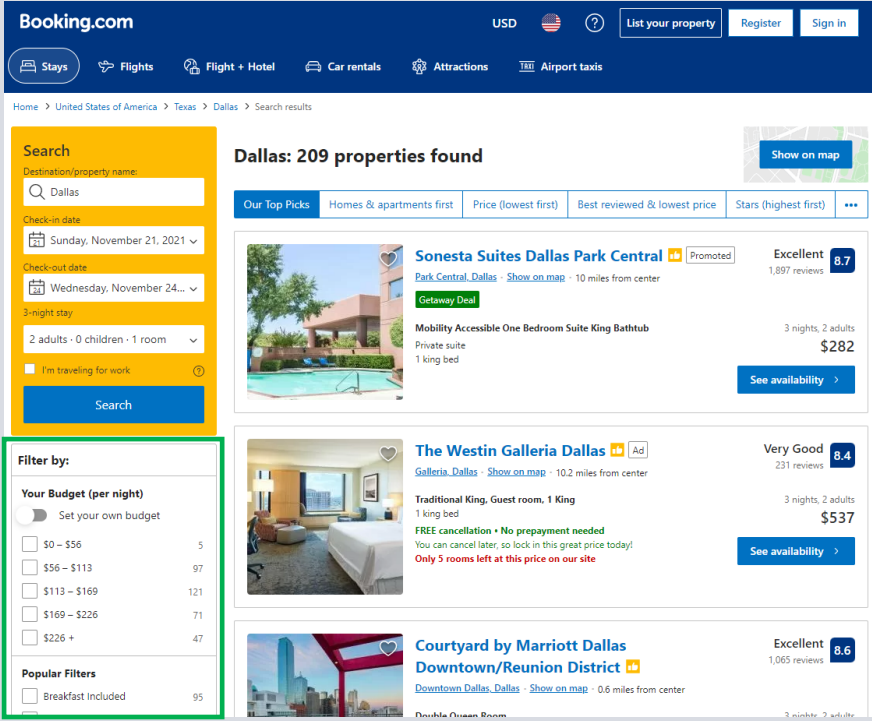


# Claim Chart – Claim 1

1[c] determining, at least one computing device, a plurality of intents from the at least one keyword, each of the plurality of intents indicates a type of information regarding the query keyword that is likely to be desired by a user submitting the query;

Booking.com Systems determine, using at least one computing device, a plurality of intents from the at least one keyword, wherein each of the plurality of intents indicates a type of information regarding the query keyword that is likely to be desired by a user submitting the query. For example, Booking.com Systems can determine multiple intents corresponding to the query keyword—a user may submit a query, and Booking.com Systems can determine that the user likely desires to see location-specific material, hotels in a particular area, popular locations, property type, etc.). Each of the intents determined indicates a type of information regarding the query keyword that is likely to be desired by a user submitting the query:

[2] 'Dallas' Search



# Claim Chart – Claim 1

1[c] determining, at least one computing device, a plurality of intents from the at least one keyword, each of the plurality of intents indicates a type of information regarding the query keyword that is likely to be desired by a user submitting the query;

For example, Booking.com Systems can determine multiple intents corresponding to the query keyword—a user may submit a query, and Booking.com Systems can determine that the user likely desires to see location-specific material, hotels in a particular area, popular locations, property type, etc.). Each of the intents determined indicates a type of information regarding the query keyword that is likely to be desired by a user submitting the query:

☐ Breakfast Included95

☐ Hot tub/Jacuzzi31

☐ Very Good: 8+110

☐ Based on guest reviews

☐ 4 stars55

☐ Hotels154

☐ Free parking97

☐ Parking174

☐ Indoor pool29

Health & safety

☐ Properties that take health & safety measures146

Star Rating

☐ 1 star3

☐ 2 stars22

☐ 3 stars113

☐ 4 stars55

☐ 5 stars3

☐ Unrated13

Distance from center of Dallas

☐ Less than 1 km48

☐ Less than 3 km81

☐ Less than 5 km97

Fun Things To Do


☐ Fitness center159

☐ Fitness79

☐ Hot tub/Jacuzzi31

☐ Happy hour31

☐ Indoor pool29



Downtown Dallas, Dallas · [Show on map](#) · 0.6 miles from center

Double Queen Room

2 queen beds


3 nights, 2 adults

\$347

FREE cancellation • No prepayment needed

You can cancel later, so lock in this great price today!

See availability >



Breakfast included

Heart icon

Best Western Plus Dallas Love Field North Hotel

Good

7.5

1,272 reviews

Dallas · [Show on map](#) · 8.9 miles from center

King Room - Disability Access - Poolside

1 king bed

3 nights, 2 adults

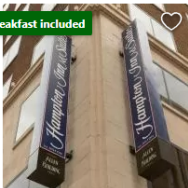
\$229

Breakfast included

FREE cancellation • No prepayment needed

You can cancel later, so lock in this great price today!

See availability >



Breakfast included

Heart icon

Hampton Inn & Suites Dallas Downtown

Excellent

8.6

1,297 reviews

Main Street District, Dallas · [Show on map](#) · 0.3 miles from center

King Room

1 king bed

3 nights, 2 adults

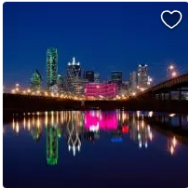
\$327

Breakfast included

FREE cancellation • No prepayment needed

You can cancel later, so lock in this great price today!

See availability >



Heart icon

Omni Dallas Hotel

Excellent

8.8

1,652 reviews

Downtown Dallas, Dallas · [Show on map](#) · 0.5 miles from center

Deluxe Queen Room with Two Queen Beds

2 queen beds

3 nights, 2 adults

\$622

See availability >

[2] 'Dallas' Search

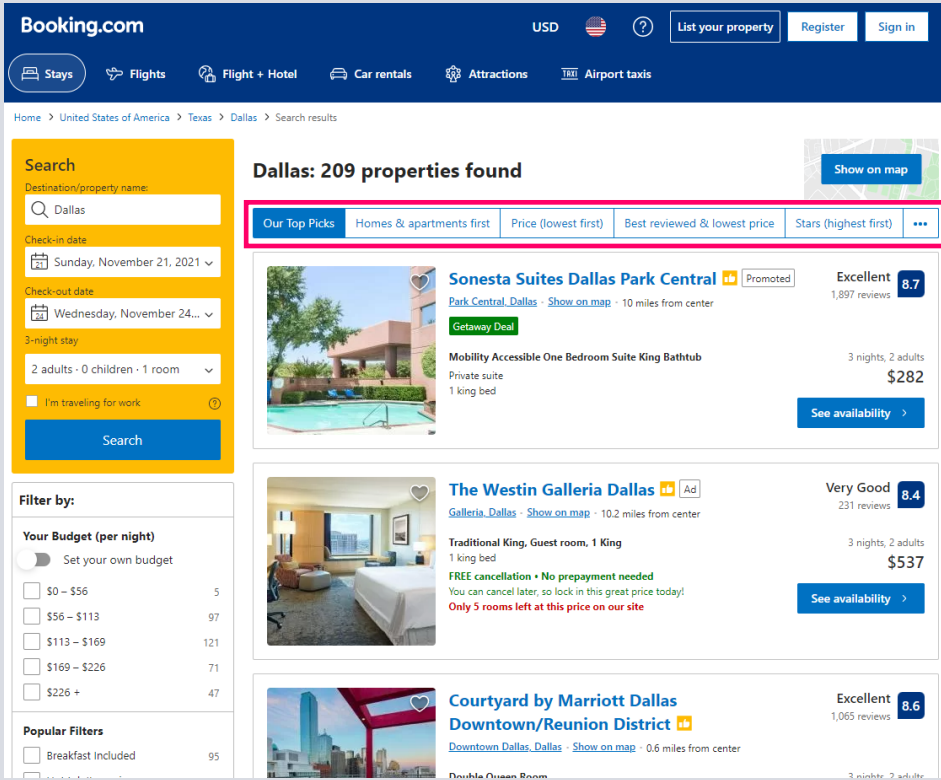
12

# Claim Chart – Claim 1

1[d] classifying the query, using the at least one computing device, into at least one of the plurality of intents;

Booking.com Systems classify the query, using the at least one computing device, into at least one of the plurality of intents. For example, Booking.com Systems can include categories and/or types (e.g., “intents”) of goals responsive to a query (such as can be defined by data related to such content in such categories), and when a query is submitted, Booking.com Systems can classify the query, such that the query queues content related to one or more of said intents. E.g., a query can be classified into a “Our Top Picks” intent, such that the query can queue results related to such intents:

[2] ‘Dallas’ Search



# Claim Chart – Claim 1

1[d] classifying the query, using the at least one computing device, into at least one of the plurality of intents;

In another example, a query can be classified into a location-specific intent, such that the query can queue results related to such intents.

## [2] 'Dallas' Search


- ☐ Breakfast Included 95
- ☐ Hot tub/Jacuzzi 31
- ☐ Very Good: 8+ 110  
Based on guest reviews
- ☐ 4 stars 55
- ☐ Hotels 154
- ☐ Free parking 97
- ☐ Parking 174
- ☐ Indoor pool 29

- Health & safety**
- ☐ Properties that take health & safety measures 146

- Star Rating**
- ☐ 1 star 3
  - ☐ 2 stars 22
  - ☐ 3 stars 113
  - ☐ 4 stars 55
  - ☐ 5 stars 3
  - ☐ Unrated 13

- Distance from center of Dallas**
- ☐ Less than 1 km 48
  - ☐ Less than 3 km 81
  - ☐ Less than 5 km 97

- Fun Things To Do**
- ☐ Fitness center 159
  - ☐ Fitness 79
  - ☐ Hot tub/Jacuzzi 31
  - ☐ Happy hour 31
  - ☐ Indoor pool 29

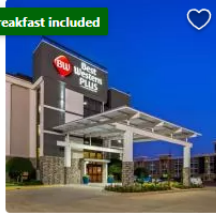


[Downtown Dallas, Dallas](#) · [Show on map](#) · 0.6 miles from center


**Double Queen Room**  
2 queen beds  
**FREE cancellation • No prepayment needed**  
You can cancel later, so lock in this great price today!

3 nights, 2 adults  
**\$347**

[See availability](#)



**Breakfast included**

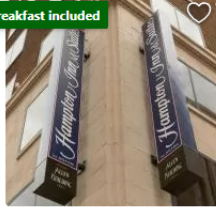
**Best Western Plus Dallas Love Field North Hotel**   
[Dallas](#) · [Show on map](#) · 8.9 miles from center

**King Room - Disability Access - Poolside**  
1 king bed  
**Breakfast included**  
**FREE cancellation • No prepayment needed**  
You can cancel later, so lock in this great price today!


Good **7.5**  
1,272 reviews

3 nights, 2 adults  
**\$229**

[See availability](#)



**Breakfast included**

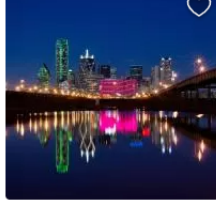
**Hampton Inn & Suites Dallas Downtown**   
[Main Street District, Dallas](#) · [Show on map](#) · 0.3 miles from center


**King Room**  
1 king bed  
**Breakfast included**  
**FREE cancellation • No prepayment needed**  
You can cancel later, so lock in this great price today!

Excellent **8.6**  
1,297 reviews

3 nights, 2 adults  
**\$327**

[See availability](#)



**Omni Dallas Hotel**   
[Downtown Dallas, Dallas](#) · [Show on map](#) · 0.5 miles from center

**Deluxe Queen Room with Two Queen Beds**  
2 queen beds

Excellent **8.8**  
1,652 reviews

3 nights, 2 adults  
**\$622**

[See availability](#)

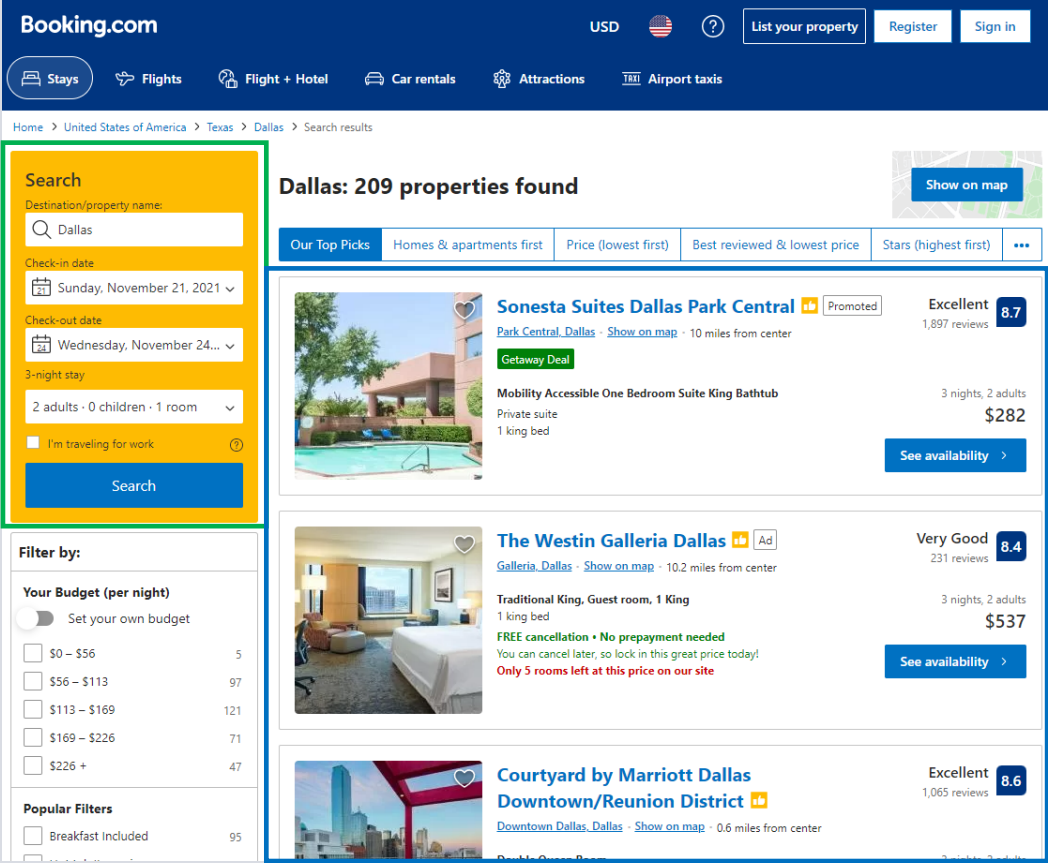


# Claim Chart – Claim 1

1[e] identifying, using the at least one computing device, a plurality of data objects available over the network that match the at least one query keyword;

Booking.com Systems identify, using the at least one computing device, a plurality of data objects available over the network that match the at least one query keyword. For example, Booking.com Systems identify data objects (e.g., related to hotels, flights, properties, etc.) available over the network (e.g., Internet, etc.) that match the query submitted by the user.

[2] 'Dallas' Search



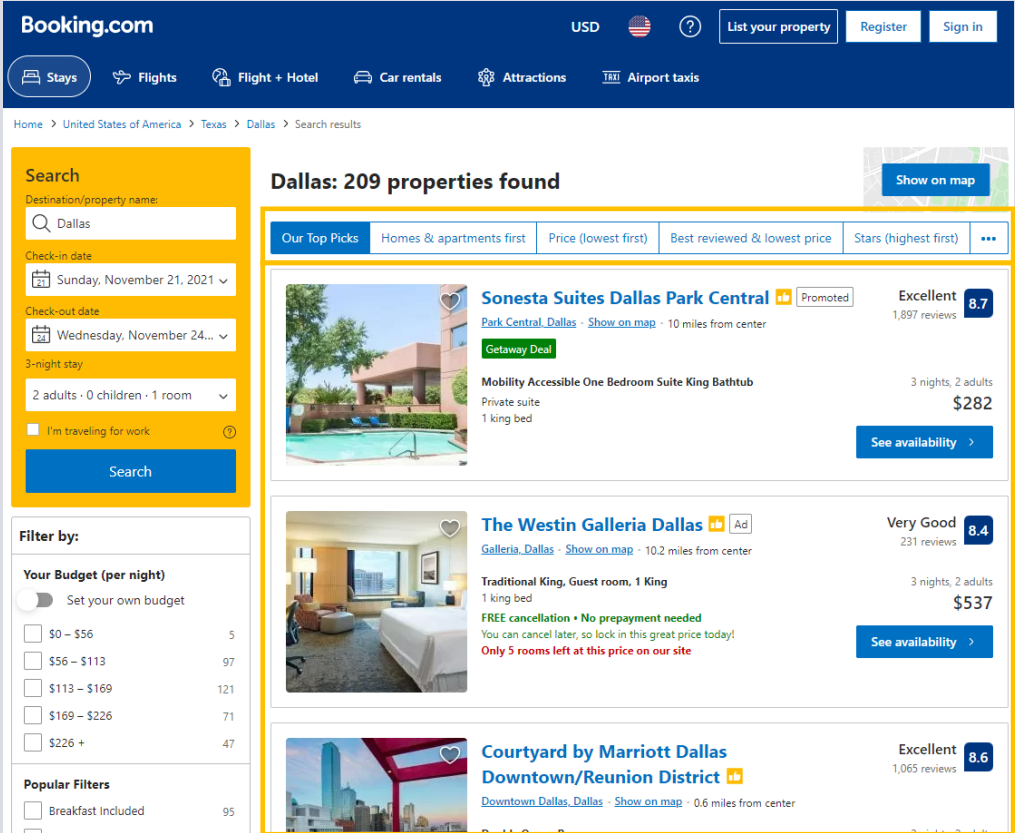


# Claim Chart – Claim 1

1[f] assigning, using the at least one computing device, at least one of the plurality of intents to at least some of the plurality of data objects;

Upon information and belief, Booking.com Systems assign, using the at least one computing device, at least one of the plurality of intents to at least some of the plurality of data objects. For example, Booking.com Systems index data objects based on intents such as “Our Top Picks,” price, top review, location-specific information, etc. In other words, the data objects may be assigned one or more intents.

[2] ‘Dallas’ Search




# Claim Chart – Claim 1

1[g] ranking, using the at least one computing device, the plurality of data objects;

Booking.com Systems rank, using the at least one computing device, the plurality of data objects. For example, Booking.com Systems rank the data objects by, e.g., promotions, advertisements, reviews, popularity, etc.:

Booking.com

USD  ?

List your property

Register

Sign in

Stays

Flights

Flight + Hotel

Car rentals

Attractions

Airport taxis

Home > United States of America > Texas > Dallas > Search results

Search

Destination/property name:

Check-in date  
Sunday, November 21, 2021

Check-out date  
Wednesday, November 24...

3-night stay  
2 adults · 0 children · 1 room

☐ I'm traveling for work

Search

Filter by:

Your Budget (per night)

☐ \$0 – \$56

5

☐ \$56 – \$113

97

☐ \$113 – \$169

121

☐ \$169 – \$226

71

☐ \$226 +

47

Popular Filters

☐ Breakfast Included

95

Dallas: 209 properties found

Our Top Picks

Homes & apartments first

Price (lowest first)

Best reviewed & lowest price

Stars (highest first)

...



Sonesta Suites Dallas Park Central

Park Central, Dallas · Show on map · 10 miles from center

Promoted

Excellent 8.7

1,897 reviews

Getaway Deal

Mobility Accessible One Bedroom Suite King Bathtub

3 nights, 2 adults

Private suite

1 king bed

\$282

See availability



The Westin Galleria Dallas

Galleria, Dallas · Show on map · 10.2 miles from center

Ad

Very Good 8.4

231 reviews

Traditional King, Guest room, 1 King

3 nights, 2 adults

1 king bed

FREE cancellation • No prepayment needed

You can cancel later, so lock in this great price today!

Only 5 rooms left at this price on our site

\$537

See availability



Courtyard by Marriott Dallas Downtown/Reunion District

Downtown Dallas, Dallas · Show on map · 0.6 miles from center

Excellent 8.6

1,065 reviews

Double Queen Room

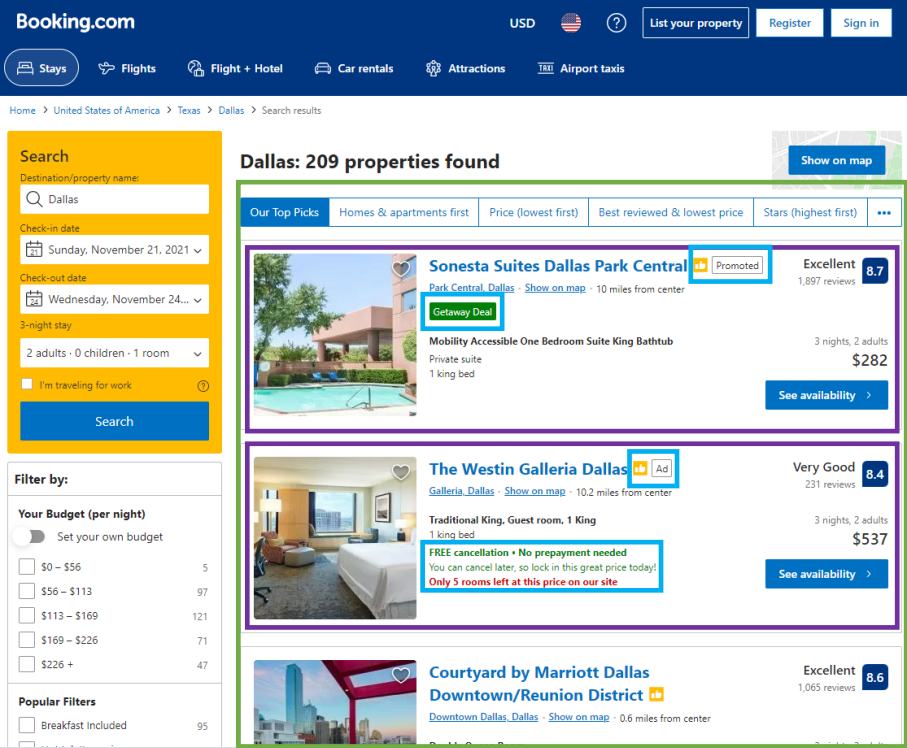
3 nights, 2 adults

[2] 'Dallas' Search

# Claim Chart – Claim 1

1[h] building a result, using the at least one computing device, using the ranked plurality of data objects, the result comprises a plurality of display entries, at least one display entry customized to a respective assigned intent is constructed for each of the ranked plurality of data objects; and

Booking.com Systems build a result, using the at least one computing device, using the ranked plurality of data objects, wherein the result comprises a plurality of display entries, wherein at least one display entry customized to a respective assigned intent is constructed for each of the ranked plurality of data objects. For example, Booking.com Systems build a result comprising a plurality of display entries (e.g., sections of the result display), and such display entries can be customized for a particular assigned intent (e.g., rating, promoted, ad, "Getaway Deal," etc.) and be constructed for each of the ranked plurality of data objects such that each data object can be associated with one or more display entries.



[2] 'Dallas' Search



# Claim Chart – Claim 1

1[i] transmitting the result, over the network, to the user.

Booking.com Systems transmit the result, over the network, to the user. For example, once the result is built, it is transmitted to a user.

[2] 'Dallas' Search

Booking.com

USD  

List your property Register Sign in

Stays

Flights

Flight + Hotel

Car rentals

Attractions

Airport taxis

Home > United States of America > Texas > Dallas > Search results

Search

Destination/property name:

Check-in date

Check-out date

3-night stay

☐ I'm traveling for work

Search

Filter by:

Your Budget (per night)

☐ \$0 – \$565

☐ \$56 – \$11397

☐ \$113 – \$169121

☐ \$169 – \$22671

☐ \$226 +47

Popular Filters

☐ Breakfast Included95

Dallas: 209 properties found

Show on map

Our Top Picks


Homes & apartments first

Price (lowest first)

Best reviewed & lowest price

Stars (highest first)

...



Sonesta Suites Dallas Park Central

Park Central, Dallas · [Show on map](#) · 10 miles from center

Getaway Deal

Mobility Accessible One Bedroom Suite King Bathtub

Private suite  
1 king bed

3 nights, 2 adults

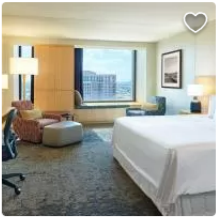
\$282

See availability

Excellent

1,897 reviews

8.7



The Westin Galleria Dallas

Galleria, Dallas · [Show on map](#) · 10.2 miles from center

Traditional King, Guest room, 1 King

1 king bed

FREE cancellation • No prepayment needed

You can cancel later, so lock in this great price today!

Only 5 rooms left at this price on our site

3 nights, 2 adults


\$537

See availability

Very Good

231 reviews

8.4



Courtyard by Marriott Dallas Downtown/Reunion District

Downtown Dallas, Dallas · [Show on map](#) · 0.6 miles from center

Double Queen Room

3 nights, 2 adults

Excellent

1,065 reviews

8.6

**END**



nelson bumgardner conroy